

WHAT IS CLAIMED IS:

1. (currently amended) A structural element system for floatingly suspending framed flat elements in the construction industry, the structural element system comprising:

post sections;

framed flat elements:

holding sections;

seals;

wherein, for thermally insulating the post sections from the framed flat elements, the holding sections are attached on the post sections,

the framed flat elements are attached to the holding sections,

the seals are adapted to form together with the post sections chambers for enclosing the holding sections[[, and]],

in the mounted state of the structural element system, the holding sections are enclosed in the chambers so that the holding elements have no direct contact with the framed flat elements;

wherein each one of the holding sections is of a multi-part configuration and in cross-section have a substantially U-shaped receptacle for receiving a frame section of the framed flat elements and a fastening part for attaching the holding section on the post section, wherein the receptacle and the fastening part are connected to one another by at least one stay of a material having minimal thermal conductivity.

2. (original) The structural element system according to claim 1, wherein the post section is a box section having at least one rectangular box for securing the holding sections, respectively, wherein the rectangular box has on two parallel outer sides at least two holding lips configured to secure the holding sections and/or a connecting member.

3. (currently amended) ~~A post section for a~~ The structural element system according to claim 1, wherein each one of the post sections ~~section~~ is a box section having at least one rectangular box, wherein the rectangular box has on two parallel outer sides at least two holding lips configured to secure holding sections, connecting members, wall fastening elements, and cover strips.

4. (currently amended)                    ~~The post section~~ structural element system according to claim 3, wherein on at least one of the outer sides on which holding lips are formed two parallel pairs of the holding lips are provided.

5. (canceled)

6. (currently amended)                    ~~The post section according to claim 5; A~~ structural element system for floatingly suspending framed flat elements in the construction industry, the structural element system comprising:

                  post sections;

                  framed flat elements;

                  holding sections;

                  seals;

                  wherein, for thermally insulating the post sections from the framed flat elements, the holding sections are attached on the post sections,

                  the framed flat elements are attached to the holding sections,

                  the seals are adapted to form together with the post sections chambers for enclosing the holding sections,

                  in the mounted state of the structural element system, the holding sections are enclosed in the chambers so that the holding elements have no direct contact with the framed flat elements;

                  wherein each one of the post sections is a box section having at least one rectangular box, wherein the rectangular box has on two parallel outer sides at least two holding lips configured to secure holding sections, connecting members, wall fastening elements, and cover strips;

                  wherein on one of the outer side provided with the holding lips two parallel legs are provided for at least partially endosing a holding section;

                  wherein the parallel legs have an inner side facing in the mounted state the holding section that is coated with a thermal insulation, in particular with strips of sponge rubber, chloroprene, or cork.

7. (currently amended)                    ~~The post section~~ structural element system according to claim 6 [[3]], having a recess configured to suspend a connecting element.

8. (currently amended) The ~~post-section~~ structural element system according to claim 7, wherein the recess is substantially T-shaped.

9. (canceled)

10. (currently amended) The ~~holding-section~~ structural element system according to claim 1 [[9]], wherein the receptacle and the fastening part are connected to one another by two of the stays that are parallel to one another and made of plastic material.

11. (currently amended) The ~~holding-section~~ structural element system according to claim 1 [[9]], wherein the fastening part is configured such that the holding section is inserted laterally into an opening of the post section formed between a pair of holding lips formed on the post section and forms with the post section a partially positive-locking connection.

12. (currently amended) The ~~holding-section~~ structural element system according to claim 11, wherein the fastening part has a substantially U-shaped section for partially engaging a holding lip of a pair of holding lips formed on the post section and further has a projection for supporting the holding section on the other holding lip of the pair of holding lips.

13. (currently amended) The ~~holding-section~~ structural element system according to claim 1 [[9]], wherein, along the receptacle transversely to its longitudinal extension, at certain distances holding bolts are inserted or receptacles for the holding bolts are provided where matchingly shaped framed flat elements are suspended.

14. (currently amended) The ~~holding-section~~ structural element system according to claim 1 [[9]], wherein the receptacle has two preferably undercut receiving channels for receiving securing portions of a seal insertable into the receptacle, wherein the securing portions are at least partially complementary to the receiving channels.

15. (currently amended) ~~A fastening element for the~~ The structural element system according to claim 1, ~~wherein the~~ comprising a fastening element ~~that~~ has a contact leg for attaching the fastening element to a wall, a base member, or a carrier and a support leg projecting at a right angle from the contact leg for supporting a connecting

member.

16. (currently amended) ~~The fastening element~~ structural element system according to claim 15, wherein the contact leg (112) of the fastening element has slotted holes (116, 118) for receiving fastening screws.

17. (currently amended) ~~A connecting member for a~~ The structural element system according to claim 1, further comprising a connecting member for attaching post sections having holding lips to a fastening element, wherein the connecting member has a saddle section placed onto a support leg of the fastening element and a locking section with at least two wings for engaging from behind the holding lips of a post section.

18. (currently amended) ~~The connecting member~~ structural element system according to claim 17, wherein the connecting member comprises ~~comprising~~ a support leg to be inserted into the receiving section of the fastening element.

19. (currently amended) ~~The connecting member~~ structural element system according to claim 17, wherein the locking section of the connecting member has four wings for engaging behind the holding lips of a post section to be fastened having two pairs of parallel holding lips.

20. (currently amended) ~~The connecting member~~ structural element system according to claim 17, wherein the locking section of the connecting member is formed such that the wings are moved through a gap formed between a pair of holding lips of the post section to be fastened and moved by relative rotation of the connecting member and the post section into a position behind the holding lips.

21. (currently amended) ~~The connecting member~~ structural element system according to claim 20, wherein at least one of the wings has a stop surface provided for limiting the relative rotation of the connecting member and the post section.

22. (currently amended) ~~A connecting member for a~~ The structural element system ~~for the construction industry, the structural element system comprising post sections; framed flat elements; holding sections; seals; wherein, for thermal insulation of the post sections and the framed flat elements, the holding sections are attached on the post sections; the framed flat elements are attached to the holding sections; the seals~~

~~together with the post sections form chambers; and, in the mounted state of the structural element system, the the holding sections are enclosed in the chambers; the~~ according to claim 1, further comprising a connecting member adapted for connecting two post sections having a hollow chamber, wherein the connecting member has a first insertion section, insertable into the chamber of the first post section and having a cross-section matching a cross section of the hollow chamber, and a second insertion section, connectable in any desired way to the second post section, wherein the first and second insertion sections are connected by a joint; wherein the first insertion section has at least one receiving bore for an eccentric fastener for clamping and securing the first post section.

23. (currently amended) ~~The connecting element~~ structural element system according to claim 22, wherein the second insertion section is configured to be inserted into a T-shaped receiving opening of the second post section.

24. (canceled)

25. (currently amended) The structural element system according to claim 22, further comprising an ~~[[An]]~~ eccentric fastener having a guide section insertable into receiving bore of ~~[[a]]~~ the connecting element ~~according to claim 24; and~~ having a preferably conical eccentric section for providing a clamping force between the first insertion section and the first post section.

26. (currently amended) ~~[[A]]~~ The structural element system accoring to claim 1, further comprising a two-part profiled frame for ~~[[a]]~~ the framed flat element ~~for the structural element system according to claim 1, the two-part profiled frame~~ comprising:

outer frame sections for engaging an outwardly facing side of ~~[[a]]~~ flat element in a mounted state;

an inner frame section for engaging an inwardly facing side of the flat element in a mounted state;

wherein the outer and inner frame sections are locked with one another;

wherein ~~[[a]]~~ the flat element to be framed is clamped between the outer and the inner frame sections;

wherein at least on one of the outer frame sections means are provided for

attaching the frame sections on a post section or a holding section.

27. (currently amended) The ~~two-part profiled frame~~ structural element system according to claim 26, wherein the means for attaching the outer frame sections comprise hooks formed on a leg of the outer frame section or receiving opening on a leg of the outer frame sections, in particular, for suspending the framed flat elements on a holding bolt in a receptacle of a holding section.

28. (currently amended) ~~A seal for a holding section~~ The structural element system according to claim 1 ~~[[9]]~~, ~~wherein the~~ further comprising a seal that has a channel with two sidewalls insertable into a U-shaped receptacle of the holding section and wherein an open end of the channel is provided on each side wall with a sealing lip, respectively, angled toward the outer side of the channel.

29. (currently amended) The ~~seal~~ structural element system according to claim ~~28~~ [[38]], wherein the sealing lips are provided on a side facing in the mounted state the post section with support beams for supporting the holding section on the post section.

30. (currently amended) The ~~seal~~ structural element system according to claim 28, wherein the sealing lips on the side facing the holding section have a securing portion having a shape that is at least partially complementary to a receiving channel of the holding section.

31. (currently amended) ~~A wall fastening element for a~~ The structural element system ~~for the construction industry, the structural element system comprising post sections; framed flat elements; holding sections; seals; wherein, for thermal insulation of the post sections and the framed flat elements, the holding sections are attached on the post sections; the framed flat elements are attached to the holding sections; the seals together with the post sections form chambers; and, in the mounted state of the structural element system, the the holding sections are enclosed in the chambers; the~~ according to claim 1, further comprising a wall fastening element adapted for attaching post sections having holding lips, the wall fastening element comprising a contact leg for attaching the wall fastening elements on a support surface and a locking section projecting at a right angle from the contact leg and having at least two wings for

engaging from behind the holding lips of the post section.

32. (currently amended) ~~A two-part base member for post sections of a The structural element system for the construction industry, the structural element system comprising post sections, framed flat elements, holding sections, seals; wherein, for thermal insulation of the post sections and the framed flat elements, the holding sections are attached on the post sections, the framed flat elements are attached to the holding sections, the seals together with the post sections form chambers; and, in the mounted state of the structural element system, the the holding sections are enclosed in the chambers; the~~ according to claim 1, further comprising a base member comprising a base plate for attachment of the base member on the ground and a securing part for securing a post section, wherein the base plate and the securing plate are configured such that alignment of a post section secured therein in at least two independent directions is enabled, wherein the base plate has at least two slotted holes and an undercut groove, wherein in the undercut groove at least one of a securing screw and the securing part are moveable slidingly.

33. (original) The structural element system according to claim 1, further comprising bottom rails for a ground attachment of the post sections and the holding parts for securing the post sections on the bottom rail.

34. (currently amended) ~~[[The]] A structural element system according to claim 33, further comprising~~ floatingly suspending framed flat elements in the construction industry, the structural element system comprising:

\_\_\_\_\_ post sections;

\_\_\_\_\_ framed flat elements;

\_\_\_\_\_ holding sections;

\_\_\_\_\_ seals;

\_\_\_\_\_ wherein, for thermally insulating the post sections from the framed flat elements, the holding sections are attached on the post sections,

\_\_\_\_\_ the framed flat elements are attached to the holding sections,

\_\_\_\_\_ the seals are adapted to form together with the post sections chambers for enclosing the holding sections.

in the mounted state of the structural element system, the holding sections are enclosed in the chambers so that the holding elements have no direct contact with the framed flat elements;

bottom rails for a ground attachment of the post sections and the holding parts for securing the post sections on the bottom rail;

sealing lips and spacer elements attachable to the bottom rail for compensating different spacings between the ground and the bottom rail.

35. (original) The structural element system according to claim 1, further comprising:

wall fastening elements for attaching the structural element system to a wall;  
connecting members for connecting the post sections to the wall fastening elements;

and fixation elements for securing a height of the post sections relative to the connecting member.

36. (original) The structural element system according to claim 1, further comprising:

connecting elements for connecting two of the post sections preferably at a right angle to one another;

wherein the connecting elements engage a T-shaped recess in a first post section and, by means of a spring element can be forced out of the second post section in the direction toward the first post section.

37. (currently amended) A frame section for a structural element system for the construction industry, the structural element system comprising post sections; framed flat elements; holding sections; seals; wherein, for thermal insulation of the post sections and the framed flat elements, the holding sections are attached on the post sections; the framed flat elements are attached to the holding sections; the seals together with the post sections form chambers; and, in the mounted state of the structural element system, the the holding sections are enclosed in the chambers; the frame section comprising:

two parallel extending legs extending parallel to the flat elements to be



framed;

wherein a first one of the parallel extending legs has a profiled strip angled toward the flat elements to be framed.

38. (canceled)

39. (original) The frame section according to claim 37, comprising a receptacle for a corner connection element.

40. (original) The frame section according to claim 37, comprising a receptacle for a seal.

41. (original) The frame section according to claim 37, comprising a recess for a support section configured, in particular undercut, such that the matching support section forms a snap connection with the frame section.

42. (previously presented) The frame section according to claim 41, wherein one of the legs comprises a hook-shaped projection or recess for suspension of the frame section in particular from the post section.